



ELSEVIER

Solar Energy Materials and Solar Cells 40 (1996) 381–383

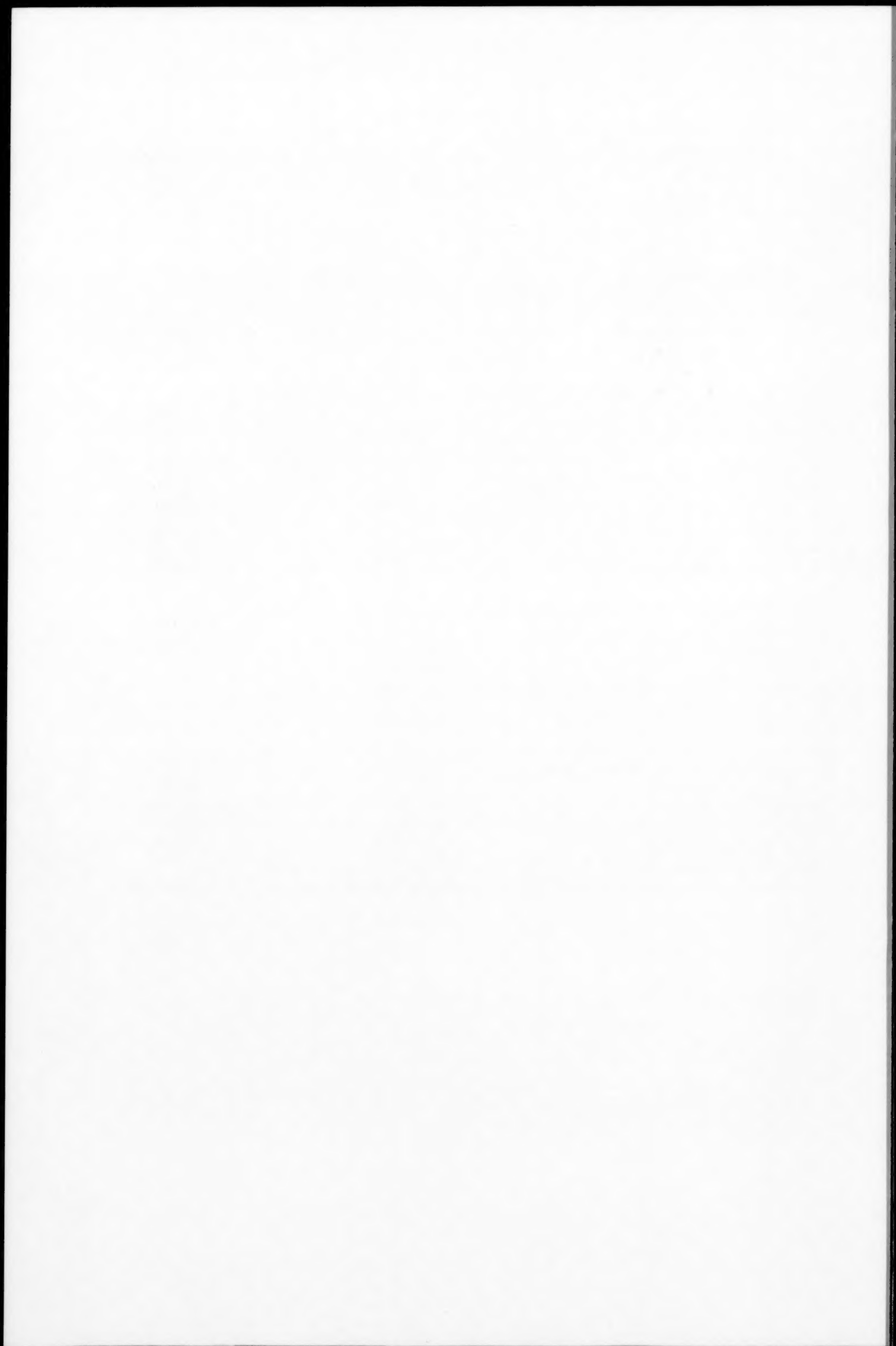
Solar Energy Materials
and Solar Cells

Author index to volume 40

- Adurodija, F.O., M.J. Carter and R. Hill, Synthesis and characterization of CuInSe_2 thin films from Cu, In and Se stacked layers using a closed graphite box 40 (1996) 359
- Al-Dhafiri, A.M., Electrical properties of UV photochemically treated CdTe 40 (1996) 221
- Alkemade, P.F.A., see Leguijt, C. 40 (1996) 297
- Araújo, G.L., see Ragay, F.W. 40 (1996) 5
- Archer, M.D., J.R. Bolton and S.T.C. Siklos, A review of analytic solutions for a model *p-n* junction cell under low-injection conditions 40 (1996) 133
- Attubato, L., see Malati, M.A. 40 (1996) 1
- Beaney, K., see Malati, M.A. 40 (1996) 1
- Blakers, A.W., see Stocks, M.J. 40 (1996) 33
- Bolton, J.R., see Archer, M.D. 40 (1996) 133
- Braunger, D., D. Hariskos, T. Walter and H.W. Schock, An 11.4% efficient polycrystalline thin film solar cell based on CuInS_2 with a Cd-free buffer layer 40 (1996) 97
- Burger, D.R., see Lin, J.J. 40 (1996) 177
- Carr, A.J., see Stocks, M.J. 40 (1996) 33
- Carter, M.J., see Adurodija, F.O. 40 (1996) 359
- Caudano, R., see Diatezua, D.M. 40 (1996) 253
- Chartier, P., see Nguyen Cong, H. 40 (1996) 261
- Chen, E., see Zheng, G.F. 40 (1996) 89
- Chen, Y.P., see Ma, H.L. 40 (1996) 371
- Choi, J.C., S.D. Kim and G.Y. Han, Heat transfer characteristics in low-temperature latent heat storage systems using salt-hydrates at heat recovery stage 40 (1996) 71
- Crnjak Orel, Z. and B. Orel, Structural and electrochemical properties of CeO_2 and mixed $\text{CeO}_2/\text{SnO}_2$ coatings 40 (1996) 205
- Dereux, A., see Diatezua, D.M. 40 (1996) 253
- Diatezua, D.M., P.A. Thiry, A. Dereux and R. Caudano, Silicon oxynitride multilayers as spectrally selective material for passive radiative cooling applications 40 (1996) 253
- Ebong, A.U., M. Taouk, C.B. Honsberg and S.R. Wenham, The use of oxynitrides for the fabrication of buried contact silicon solar cells 40 (1996) 183
- Eikelboom, J.A., see Leguijt, C. 40 (1996) 297
- Ghazali, A., see Zainal, Z. 40 (1996) 347
- Green, M.A., see Zheng, G.F. 40 (1996) 231
- Gross, M., see Zheng, G.F. 40 (1996) 89
- Gross, M., see Zheng, G.F. 40 (1996) 231

- Han, G.Y., see Choi, J.C. 40 (1996) 71
- Hariskos, D., see Braunger, D. 40 (1996) 97
- Hill, R., see Adurođija, F.O. 40 (1996) 359
- Hinsch, A., see Varol, H.S. 40 (1996) 273
- Honsberg, C.B., see Ebong, A.U. 40 (1996) 183
- Hussein, M.Z., see Zainal, Z. 40 (1996) 347
- Hutchins, M.G., see Orel, Z.C. 40 (1996) 197
- Kim, S.D., see Choi, J.C. 40 (1996) 71
- Lampert, C.M., see Özer, N. 40 (1996) 285
- Leguijt, C., P. Lölgen, J.A. Eikelboom, A.W. Weeber, F.M. Schuurmans, W.C. Sinke, P.F.A. Alkemade, P.M. Sarro, C.H.M. Marée and L.A. Verhoef, Low temperature surface passivation for silicon solar cells 40 (1996) 297
- Leskovšek, N., see Orel, Z.C. 40 (1996) 197
- Li, S.Y., see Ma, H.L. 40 (1996) 371
- Lin, J.J. and D.R. Burger, TPV cell *IV* curve testing with varying black body emission temperatures, intensities, and cell temperatures 40 (1996) 177
- Lölgen, P., see Leguijt, C. 40 (1996) 297
- Ma, H.L., D.H. Zhang, S.Z. Win, S.Y. Li and Y.P. Chen, Electrical and optical properties of F-doped textured SnO₂ films deposited by APCVD 40 (1996) 371
- Malati, M.A., L. Attubato and K. Beaney, Efficient photocatalysts for the reduction of aqueous carbonate and Cr(VI) 40 (1996) 1
- Marée, C.H.M., see Leguijt, C. 40 (1996) 297
- Martí, A., see Ragay, F.W. 40 (1996) 5
- Mills, D.R., see Zhang, Q.-C. 40 (1996) 43
- Ndukwe, I.C., Solution growth, characterization and applications of zinc sulphide thin films 40 (1996) 123
- Nguyen Cong, H., C. Sene and P. Chartier, Poly(3-methylthiophene) structural change effect on characteristics of CdS(Al):PMeT photovoltaic junction 40 (1996) 261
- Nilsson, T., Initial experiments on dew collection in Sweden and Tanzania 40 (1996) 23
- Orel, B., see Crnjak Orel, Z. 40 (1996) 205
- Orel, B., see Orel, Z.C. 40 (1996) 197
- Orel, Z.C., N. Leskovšek, B. Orel and M.G. Hutchins, Spectrally selective silicon paint coatings: Influence of pigment volume concentration ratio on their optical properties 40 (1996) 197
- Özer, N., M.D. Rubin and C.M. Lampert, Optical and electrochemical characteristics of niobium oxide films prepared by sol-gel process and magnetron sputtering. A comparison 40 (1996) 285
- Ragay, F.W., A. Martí, G.L. Araújo and J.H. Wolter, Experimental analysis of the efficiency of heterostructure GaAs-AlGaAs solar cells 40 (1996) 5
- Rodriguez, J., see Yang, Y. 40 (1996) 103
- Rubin, M.D., see Özer, N. 40 (1996) 285
- Sabisky, E.S., A minimum achievable PV electrical generating cost 40 (1996) 55
- Sarro, P.M., see Leguijt, C. 40 (1996) 297
- Schock, H.W., see Braunger, D. 40 (1996) 97
- Schuurmans, F.M., see Leguijt, C. 40 (1996) 297
- Sene, C., see Nguyen Cong, H. 40 (1996) 261
- Shi, Z., see Zheng, G.F. 40 (1996) 231

- Siklos, S.T.C., see Archer, M.D. 40 (1996) 133
- Singh, J., see Štulík, P. 40 (1996) 239
- Sinke, W.C., see Leguijt, C. 40 (1996) 297
- Sproul, A.B., see Zheng, G.F. 40 (1996) 231
- Stocks, M.J., A.J. Carr and A.W. Blakers, Texturing of polycrystalline silicon 40 (1996) 33
- Štulík, P. and J. Singh, Study of the effect of introducing a bottom ITO layer in an a-Si:H p-i-n type solar cell 40 (1996) 239
- Taouk, M., see Ebong, A.U. 40 (1996) 183
- Thiry, P.A., see Diatezua, D.M. 40 (1996) 253
- Torrance, A.A., see Yang, Y. 40 (1996) 103
- Varol, H.S. and A. Hinsch, SnO₂:Sb dip coated films on anodized aluminum selective absorber plates 40 (1996) 273
- Verhoef, L.A., see Leguijt, C. 40 (1996) 297
- Walter, T., see Braunger, D. 40 (1996) 97
- Weeber, A.W., see Leguijt, C. 40 (1996) 297
- Wenham, S.R., see Ebong, A.U. 40 (1996) 183
- Wenham, S.R., see Zheng, G.F. 40 (1996) 231
- Win, S.Z., see Ma, H.L. 40 (1996) 371
- Wolter, J.H., see Ragay, F.W. 40 (1996) 5
- Yang, Y., A.A. Torrance and J. Rodriguez, The solar hardening of steels: Experiments and predictions 40 (1996) 103
- Yin, Y., see Zhang, Q.-C. 40 (1996) 43
- Zainal, Z., M.Z. Hussein and A. Ghazali, Cathodic electrodeposition of SnS thin films from aqueous solution 40 (1996) 347
- Zhang, D.H., see Ma, H.L. 40 (1996) 371
- Zhang, Q.-C., Y. Yin and D.R. Mills, High efficiency Mo-Al₂O₃ cermet selective surfaces for high-temperature application 40 (1996) 43
- Zhang, W., see Zheng, G.F. 40 (1996) 231
- Zhao, J., see Zheng, G.F. 40 (1996) 89
- Zheng, G.F., J. Zhao, M. Gross and E. Chen, Very low light-reflection from the surface of incidence of a silicon solar cell 40 (1996) 89
- Zheng, G.F., W. Zhang, Z. Shi, M. Gross, A.B. Sproul, S.R. Wenham and M.A. Green, 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy 40 (1996) 231





ELSEVIER

Solar Energy Materials and Solar Cells 40 (1996) 385–389

Solar Energy Materials
and Solar Cells

Subject index to volume 40

Aluminium

- SnO₂:Sb dip coated films on anodized aluminum selective absorber plates, H.S. Varol and A. Hinsch 40 (1996) 273

Antireflection coatings

- Very low light-reflection from the surface of incidence of a silicon solar cell, G.F. Zheng, J. Zhao, M. Gross and E. Chen 40 (1996) 89

Cadmium selenide, CdSe

- Efficient photocatalysts for the reduction of aqueous carbonate and Cr(VI), M.A. Malati, L. Attubato and K. Beaney 40 (1996) 1

Cadmium sulfide, CdS

- An 11.4% efficient polycrystalline thin film solar cell based on CuInS₂ with a Cd-free buffer layer, D. Braunger, D. Hariskos, T. Walter and H.W. Schock 40 (1996) 97
- Poly(3-methylthiophene) structural change effect on characteristics of CdS(Al):PMeT photovoltaic junction, H. Nguyen Cong, C. Sene and P. Chartier 40 (1996) 261

Cadmium telluride, CdTe

- Electrical properties of UV photochemically treated CdTe, A.M. Al-Dhafiri 40 (1996) 221

Coating techniques

- Spectrally selective silicon paint coatings: Influence of pigment volume concentration ratio on their optical properties, Z.C. Orel, N. Leskovšek, B. Orel and M.G. Hutchins 40 (1996) 197
- 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy, G.F. Zheng, W. Zhang, Z. Shi, M. Gross, A.B. Sproul, S.R. Wenham and M.A. Green 40 (1996) 231

Cu

- An 11.4% efficient polycrystalline thin film solar cell based on CuInS₂ with a Cd-free buffer layer, D. Braunger, D. Hariskos, T. Walter and H.W. Schock 40 (1996) 97

Electrical properties

- Electrical properties of UV photochemically treated CdTe, A.M. Al-Dhafiri 40 (1996) 221

Emissivity

- High efficiency Mo-Al₂O₃ cermet selective surfaces for high-temperature application, Q.-C. Zhang, Y. Yin and D.R. Mills 40 (1996) 43

Gallium compounds

- TPV cell IV curve testing with varying black body emission temperatures, intensities, and cell temperatures, J.J. Lin and D.R. Burger 40 (1996) 177

Heat transfer

- Heat transfer characteristics in low-temperature latent heat storage systems using salt-hydrates at heat recovery stage, J.C. Choi, S.D. Kim and G.Y. Han 40 (1996) 71

Indium compounds

- 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy, G.F. Zheng, W. Zhang, Z. Shi, M. Gross, A.B. Sproul, S.R. Wenham and M.A. Green 40 (1996) 231

Light trapping (concentration)

- Texturing of polycrystalline silicon, M.J. Stocks, A.J. Carr and A.W. Blakers 40 (1996) 33

Molybdenum sulfide, MoS₂

- Efficient photocatalysts for the reduction of aqueous carbonate and Cr(VI), M.A. Malati, L. Attubato and K. Beaney 40 (1996) 1

Open-circuit voltage

- Experimental analysis of the efficiency of heterostructure GaAs-AlGaAs solar cells, F.W. Ragay, A. Martí, G.L. Araújo and J.H. Wolter 40 (1996) 5

Optical properties

- Study of the effect of introducing a bottom ITO layer in an a-Si:H p-i-n type solar cell, P. Štulík and J. Singh 40 (1996) 239
- Silicon oxynitride multilayers as spectrally selective material for passive radiative cooling applications, D.M. Diatezua, P.A. Thiry, A. Dereux and R. Caudano 40 (1996) 253

p-n heterojunctions

- Experimental analysis of the efficiency of heterostructure GaAs-AlGaAs solar cells, F.W. Ragay, A. Martí, G.L. Araújo and J.H. Wolter 40 (1996) 5

- A review of analytic solutions for a model *p-n* junction cell under low-injection conditions, M.D. Archer, J.R. Bolton and S.T.C. Siklos 40 (1996) 133

p-n homojunctions

- A review of analytic solutions for a model *p-n* junction cell under low-injection conditions, M.D. Archer, J.R. Bolton and S.T.C. Siklos 40 (1996) 133

Photochemistry

- Efficient photocatalysts for the reduction of aqueous carbonate and Cr(VI), M.A. Malati, L. Attubato and K. Beaney 40 (1996) 1

Photoelectrodes, TiO₂ and titanates

- Efficient photocatalysts for the reduction of aqueous carbonate and Cr(VI), M.A. Malati, L. Attubato and K. Beaney 40 (1996) 1

Photovoltaic effects

- Experimental analysis of the efficiency of heterostructure GaAs-AlGaAs solar cells, F.W. Ragay, A. Martí, G.L. Araújo and J.H. Wolter 40 (1996) 5

Photovoltaics, general properties and types

- Experimental analysis of the efficiency of heterostructure GaAs-AlGaAs solar cells, F.W. Ragay, A. Martí, G.L. Araújo and J.H. Wolter 40 (1996) 5
A minimum achievable PV electrical generating cost, E.S. Sabisky 40 (1996) 55
The use of oxynitrides for the fabrication of buried contact silicon solar cells, A.U. Ebong, M. Taouk, C.B. Honsberg and S.R. Wenham 40 (1996) 183
Poly(3-methylthiophene) structural change effect on characteristics of CdS(Al):PMeT photovoltaic junction, H. Nguyen Cong, C. Sene and P. Chartier 40 (1996) 261

Polymers

- Initial experiments on dew collection in Sweden and Tanzania, T. Nilsson 40 (1996) 23

Salt hydrates

- Heat transfer characteristics in low-temperature latent heat storage systems using salt-hydrates at heat recovery stage, J.C. Choi, S.D. Kim and G.Y. Han 40 (1996) 71

Selective surfaces, theory and general materials

- High efficiency Mo-Al₂O₃ cermet selective surfaces for high-temperature application, Q.-C. Zhang, Y. Yin and D.R. Mills 40 (1996) 43

Silicon

- Very low light-reflection from the surface of incidence of a silicon solar cell, G.F. Zheng, J. Zhao, M. Gross and E. Chen 40 (1996) 89

- The use of oxynitrides for the fabrication of buried contact silicon solar cells, A.U. Ebong, M. Taouk, C.B. Honsberg and S.R. Wenham 40 (1996) 183
- 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy, G.F. Zheng, W. Zhang, Z. Shi, M. Gross, A.B. Sproul, S.R. Wenham and M.A. Green 40 (1996) 231
- Silicon oxynitride multilayers as spectrally selective material for passive radiative cooling applications, D.M. Diatezua, P.A. Thiry, A. Dereux and R. Caudano 40 (1996) 253

Silicon nitride, SiN

- The use of oxynitrides for the fabrication of buried contact silicon solar cells, A.U. Ebong, M. Taouk, C.B. Honsberg and S.R. Wenham 40 (1996) 183

Sodium acetate trihydrate

- Heat transfer characteristics in low-temperature latent heat storage systems using salt-hydrates at heat recovery stage, J.C. Choi, S.D. Kim and G.Y. Han 40 (1996) 71

Solar absorber-convertors

- High efficiency Mo-Al₂O₃ cermet selective surfaces for high-temperature application, Q.-C. Zhang, Y. Yin and D.R. Mills 40 (1996) 43

Solar cells

- A minimum achievable PV electrical generating cost, E.S. Sabisky 40 (1996) 55
- Very low light-reflection from the surface of incidence of a silicon solar cell, G.F. Zheng, J. Zhao, M. Gross and E. Chen 40 (1996) 89
- An 11.4% efficient polycrystalline thin film solar cell based on CuInS₂ with a Cd-free buffer layer, D. Braunger, D. Hariskos, T. Walter and H.W. Schock 40 (1996) 97
- The use of oxynitrides for the fabrication of buried contact silicon solar cells, A.U. Ebong, M. Taouk, C.B. Honsberg and S.R. Wenham 40 (1996) 183
- 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy, G.F. Zheng, W. Zhang, Z. Shi, M. Gross, A.B. Sproul, S.R. Wenham and M.A. Green 40 (1996) 231
- Study of the effect of introducing a bottom ITO layer in an a-Si:H p-i-n type solar cell, P. Štulík and J. Singh 40 (1996) 239
- Poly(3-methylthiophene) structural change effect on characteristics of CdS(Al):PMeT photovoltaic junction, H. Nguyen Cong, C. Sene and P. Chartier 40 (1996) 261

Solar collectors

- SnO₂:Sb dip coated films on anodized aluminum selective absorber plates, H.S. Varol and A. Hinsch 40 (1996) 273

Solar furnace

- The solar hardening of steels: Experiments and predictions, Y. Yang, A.A. Torrance and J. Rodriguez 40 (1996) 103

Spectral response

- TPV cell IV curve testing with varying black body emission temperatures, intensities, and cell temperatures, J.J. Lin and D.R. Burger 40 (1996) 177

- Spectrally selective silicon paint coatings: Influence of pigment volume concentration ratio on their optical properties, Z.C. Orel, N. Leskovšek, B. Orel and M.G. Hutchins 40 (1996) 197

Textured surfaces

- Texturing of polycrystalline silicon, M.J. Stocks, A.J. Carr and A.W. Blakers 40 (1996) 33

Thermoelectrics

- TPV cell IV curve testing with varying black body emission temperatures, intensities, and cell temperatures, J.J. Lin and D.R. Burger 40 (1996) 177

Thin film solar cells

- Very low light-reflection from the surface of incidence of a silicon solar cell, G.F. Zheng, J. Zhao, M. Gross and E. Chen 40 (1996) 89

Thin films

- An 11.4% efficient polycrystalline thin film solar cell based on CuInS₂ with a Cd-free buffer layer, D. Braunger, D. Hariskos, T. Walter and H.W. Schock 40 (1996) 97
- Solution growth, characterization and applications of zinc sulphide thin films, I.C. Ndukwe 40 (1996) 123
- Structural and electrochemical properties of CeO₂ and mixed CeO₂/SnO₂ coatings, Z. Crnjak Orel and B. Orel 40 (1996) 205
- 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy, G.F. Zheng, W. Zhang, Z. Shi, M. Gross, A.B. Sproul, S.R. Wenham and M.A. Green 40 (1996) 231
- Poly(3-methylthiophene) structural change effect on characteristics of CdS(Al):PMeT photovoltaic junction, H. Nguyen Cong, C. Sene and P. Chartier 40 (1996) 261

Zinc sulfide, ZnS

- Solution growth, characterization and applications of zinc sulphide thin films, I.C. Ndukwe 40 (1996) 123